

Converting Colors

YIQ(154.9140, 55.8440, 1.1560)

Have a look what the booklet for
YIQ(154.9140, 55.8440, 1.1560)
contains.

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Color

**YIQ(154.9140, 55.8440,
1.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	D18B5F
RGB	209, 139, 95
RGB Percent	82%, 55%, 37%
CMY	0.1803, 0.4550, 0.6272
CMYK	0.00, 0.34, 0.55, 0.18
HSL	23°, 55%, 60%
HSV	23°, 55%, 82%
XYZ	37.6014, 32.8446, 15.1998
YIQ	154.9140, 55.8440, 1.1560

Conversions

Conversions Part 2

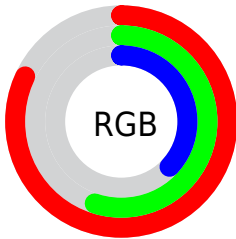
Format	Color
R _Y B	209, 167, 95
Decimal	13732703
CIE Lab	64.03, 22.07, 34.24
CIE LCh	64, 40.738, 57.194
Yxy	32.8446, 0.4390, 0.3835
Android (android.graphics.Color)	4291922783 (0xFFD18B5F)
YUV	154.9140, -29.5376, 47.4334
Hunter-Lab	57.3102, 16.8216, 24.3922

Details

The YIQ color **154.9140, 55.8440, 1.1560** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **149.0860, -55.8440, -1.1560**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1800, 52.0390, -1.4730**, and **102.7500, 50.4340, 0.0820** is the 20% darker color. If you saturate the color by 10%, you get **144.8890, 66.1600, 1.4240**, and if you desaturate by 10%, it is **164.9390, 45.5280, 0.8880**.

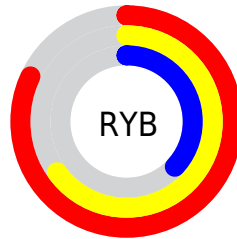
Distribution



Red (82%)

Green (55%)

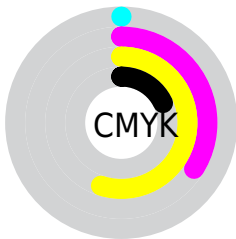
Blue (37%)



Red (82%)

Yellow (65%)

Blue (37%)

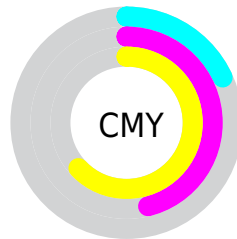


Cyan (0%)

Magenta (34%)

Yellow (55%)

Black (18%)



Cyan (18%)


Magenta (46%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.9140, 55.8440, 1.1560 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 154.9140, 55.8440, 1.1560 by changing the saturation by 10% instead.


 154.9140, 55.8440,
1.1560


 154.9140, 55.8440,
1.1560


255.0000, -0.0000,
-0.0000


 128.2450, 53.4140,
1.1420


 206.1800, 52.0390,
-1.4730


 102.1630, 50.7090,
0.6050


 225.6940, 35.6720,
-7.7200


 77.7820, 47.4080,
-0.1440

 245.3220, 18.9840,
-13.6560

 53.3580, 45.6660,
-1.6140

 252.0360, 8.3460,
-8.0860

 32.3710, 35.6240,
4.1680

 12.8570, 25.6280,
9.1160

 0.0000, 0.0000,

0.0000

■ 154.9140, 55.8440,
1.1560

■ 154.9140, 55.8440,
1.1560

■ 144.8890, 66.1600,
1.4240

■ 164.9390, 45.5280,
0.8880

■ 134.8640, 76.4760,
1.6920

■ 174.9640, 35.2120,
0.6200

■ 124.8390, 86.7920,
1.9600

■ 184.9890, 24.8960,
0.3520

■ 115.4010, 96.8330,
1.7050

■ 194.4270, 14.8550,
0.6070

■ 110.0380,
102.2890, 1.9450

■ 204.4520, 4.5390,
0.3390

■ 214.3630, -5.4560,
-0.2400

■ 224.3880,
-15.7720, -0.5080

■ 233.6150,
-23.8410, -2.9530

■ 241.2460,
-27.4160, -9.7520

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156.2480, 58.5000, 19.1080



154.9140, 55.8440, 1.1560



152.5770, 40.0750, -15.9330

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



154.9140, 55.8440, 1.1560



130.3010, -73.9480, -36.5080



157.1160, -19.8570, 23.9750

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



154.9140, 55.8440, 1.1560



149.0860, -55.8440, -1.1560

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



146.7080, -63.2270, 5.9970



154.9140, 55.8440, 1.1560



123.4560, -107.8770, -32.8450

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



154.9140, 55.8440, 1.1560



142.6860, -23.7440, -32.2560



123.7130, -115.4900, -21.5220



159.7910, 17.9670, 32.3270

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



154.9140, 55.8440, 1.1560



150.4390, 22.6080, -24.2720



123.7130, -115.4900, -21.5220



155.1250, -33.2440, 18.7880

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



154.9140, 55.8440, 1.1560



235.6510, 20.0360, 0.3240



137.0660, 45.4740, 45.9380



116.3450, 12.1500, 0.0700



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.9140, 55.8440, 1.1560



176.2020, 81.3360, 1.7200



188.3730, 40.1690, -28.6550



99.6370, 5.4560, 0.2400



88.3870, 82.2530, 1.6210



21.6510, 20.0360, 0.3240

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



149.0860, -55.8440, -1.1560



167.7980, -81.3360, -1.7200



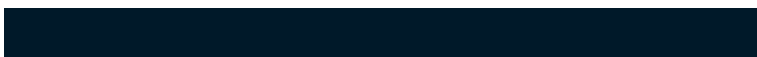
115.6270, -40.1690, 28.6550



99.3630, -5.4560, -0.2400



79.6130, -82.2530, -1.6210



19.3490, -20.0360, -0.3240

Previews

White Background



This preview shows how the YIQ color 154.9140, 55.8440, 1.1560 looks on a white background.

Color Contrast Check

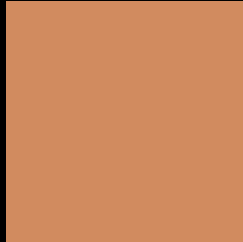
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 154.9140, 55.8440, 1.1560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

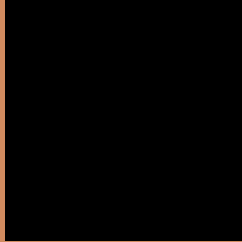
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.9140, 55.8440, 1.1560

Background



This preview shows how black text looks on a background with the YIQ color 154.9140, 55.8440, 1.1560.



This preview shows how white text looks on a background with the YIQ color 154.9140, 55.8440,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

154.9140, 55.8440, 1.1560

Protanopia

153.6170, 25.4030, -14.3490

Deuteranopia

154.5760, 41.8160, -8.9360



Tritanopia

158.0600, 44.4700, 20.0700

Trichromacy



Original Color

154.9140, 55.8440, 1.1560

Protanomaly

154.3520, 36.6350, -8.6530

Deuteranomaly

154.4350, 46.7670, -5.0490

Tritanomaly

156.9970, 48.7810, 13.5250

Monochromacy



Original Color

154.9140, 55.8440, 1.1560

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.9500, 20.6320, 0.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.9140, 55.8440, 1.1560 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 139, 95)` looks like.

```
.text, #text, p{  
    color:rgb(209, 139, 95)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 139, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 139, 95) }
```

Border

The CSS property to change the border of an element to YIQ 154.9140, 55.8440, 1.1560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 139, 95) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 139, 95) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 139, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 139, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 139, 95);  
box-shadow:4px 4px 4px 4px rgb(209, 139,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 154.9140, 55.8440, 1.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 139, 95) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
139, 95) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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